

Cathodic Protection Products

Dowel bars are a critical structural component in jointed concrete pavements. As increasing emphasis is placed on the need for long-life pavements, it becomes extremely important to use construction materials that are capable of performing satisfactorily for service lives of 50 years or more.

ARTAZN's LifeDowel[™] products utilize proven zinc anode technology to protect the steel dowels from corrosion. The LifeDowel products are produced by bonding solid zinc strip to the standard ASTM A615 steel dowel bar.

“High Performance” concrete pavement design using LifeDowels double the design life from 25 years to 50 years, but only cost 20-25% more to pave than conventional concrete pavement designs.





Cathodic Protection Products

Contact our sales team for more information about our company and products.

Toll-Free:
(800) 251-7506

Phone:
(228) 257-1356

Fax:
(423) 639-3125

Email:
Nancy.Le@artazn.com

Website:
artazn.com

Address:
ARTAZN
P.O. Box 1890
Greenville, TN 37744-1890

The information of Artazn LLC (the "Company") contained in this Product Data Sheet (this "Sheet") is furnished to recipient (a) without charge or obligation and (b) as of the date of publication hereof, and remains subject to revision at any time. Recipient accepts the information at its sole risk and the Company makes no representation or warranty with respect to the information herein, including the accuracy thereof, and assumes no liability in connection with any reliance on, or application or use of, the information and/or products herein. This Sheet in no way modifies, amends, or expands any specifications or warranty of the Company.

LifeDowel™ products are:

- ◆ The Best Choice for Fighting Chloride-Induced Corrosion
- ◆ Designed for High Performance Concrete Pavements
- ◆ Zinc Cladding is 8X Heavier than Standard Galvanizing
- ◆ Dual Corrosion Protection – Barrier and Galvanic
- ◆ Less Than Half the Weight – Easier and Safer to Handle
- ◆ Meets or Exceeds Load and Deflection Test Criterion
- ◆ Cost Effective Choice for High Performance Design
- ◆ Low Life – Cycle Costs

Specifications:

- ◆ Material:
 - ◆ Steel – Carbon Tube per ASTM A513
 - ◆ Zinc – A710, conforming to ASTM B69, UNS Z41121 and ASTM B6
- ◆ Wall Thickness:
 - ◆ Steel – 0.118" min
 - ◆ Zinc – 0.035" min



Other Cathodic Protection Products:

LifeJacket®

LifePanel®

LifeAnode™